Connor Vanderhook

Senior Software Engineer

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Technologist with 9 years of experience working in start-ups and enterprise across various industries including finance, media, government, and e-commerce

Experience

Kablamo (kablamo.com.au)
Sydney, AUS

SENIOR SOFTWARE ENGINEER — *Oct 2021 - Nov 2022*

- Developed APIs for an extreme weather monitoring platform, providing near real-time situational awareness and automated predictions.
- Led the design and build of a mobile telecommunications digital store and self service account portal for millions of monthly active users.
- Improved visibility of infrastructure usage and costs for a large scale observability pipeline that logged PBs/mo. by decreasing cardinality in events emitted by a service mesh.

Go, Typescript, Amazon Web Services, ECS, Docker, Elasticsearch, AWS Lambda, PostgreSQL, DynamoDB, Kinesis, GraphQL, Splunk

Kablamo
Sydney, AUS

SOFTWARE ENGINEER — *Aug 2019 - Sep 2021*

- Scaled search cluster for large E-Commerce store with millions of documents to support bursty traffic patterns by optimizing shard strategy, tuning JVM and rearchitecting ingestion pipeline to reduce slow queries and scripting requirements.
- Built APIs in Node.js (Typescript) leveraging AWS Serverless technologies to enable submission of user generated audio and media content for ABC Triple J radio.
- Launched MVP for a contextual ad-targeting solution and automation service used by popular media sites in the Asia Pacific region.

True Anthem (trueanthem.com)
San Francisco, CA / Sydney (Remote)

FULL STACK SOFTWARE ENGINEER — *Jan 2018 - Apr 2019*

- Contributed to development of a scalable, performant social media analytics & automation platform using an event-driven micro-services oriented architecture streaming thousands of events per second through proprietary and third party APIs.
- Migrated services from Mesos on AWS EC2 to Google Kubernetes Engine running on GCP leading to a reduction in overall operating cost.
- Orchestrated the shipment of major product releases, and non-disruptive upgrades to schema registries, cluster infrastructure and dbms.

Golang, MongoDB, Facebook & Twitter APIs, Cassandra, Kafka, Redis, HAProxy, Cloudflare, Kubernetes

True Anthem
San Francisco, CA

TEAM LEAD CS & QA ENGINEERING — *May 2016 - Jan 2018*

- Learned to lead and motivate teammates, administer difficult conversations, and provide constructive feedback through peer and code reviews.
- Implemented a data warehouse leveraging Kafka (Streams & Connect), Prometheus, Grafana, and Big Query to provide a holistic view of our users and provide KPI metrics to business stakeholders%.
- Created Kafka consumer tools to replay system events and visualize historical actions during debugging and troubleshooting.

True Anthem
San Francisco, CA

CUSTOMER SUCCESS ENGINEER — *Sep 2015 - Apr 2016*

- Developed internal tooling, scripts, and reports to automate repetitive maintenance tasks saving 100s of hours per quarter.
- Coordinated with client digital and technology groups to cultivate optimal site performance and provide real time user analytics with custom javascript event handling.
- Leveraged expertise in troubleshooting and problem solving to resolve bugs and deployment issues for our largest and most important projects.

nCino (ncino.com)
San Francisco, CA (Remote)

IMPLEMENTATION ENGINEER — *Jun 2014 - Sep 2015*

- Collaborated with product and engineering on architectural design of new features and services to meet enterprise client demands.
- Initiated thought leading best practices for integrating nCino with existing business hardware, software, networks and proprietary applications.

Salesforce, Informatica, Apex, Javascript, jQuery, SOAP and REST APIs.

nCino
Wilmington, NC

IT & CLOUD SYSTEMS ADMINISTRATOR — *May 2013 - Jun 2014*

- Managed system security and controls, adhering to compliance policies for tech companies classified under (SOC 2 Type 1 Cloud Architecture).
- Oversaw network, software, and equipment infrastructure and resolved end-user IT problems in a responsive and service oriented manner.

Projects

Lace

PRINCIPAL ENGINEER — *Jun 2022 - Present*

- Developed recording and streaming audio engine for a new audio based social media mobile application.

Swift, SwiftUI, Firebase, Terraform, Google Cloud Platform

Education

University of North Carolina Wilmington
Wilmington, NC

BACHELOR OF SCIENCE — *September 2009 - May 2013*

Business Administration - Entrepreneurship & Business Development